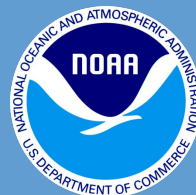


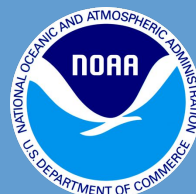
NOAA Education

MODULE 6: An Overview of Cross-agency Programs and Initiatives

We recommend watching Module 1 prior to viewing this presentation.



Bay Watershed Education and Training (B-WET) Program

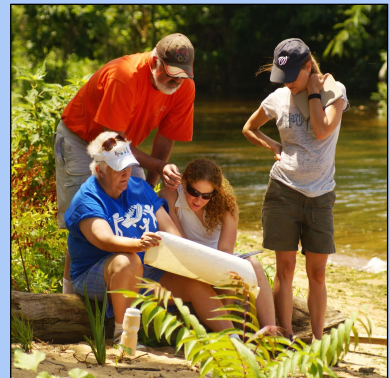
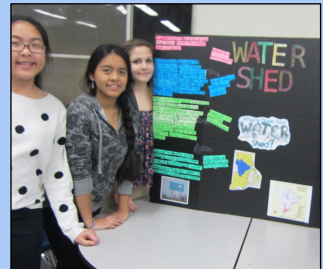




Bay Watershed Education and Training (B-WET) Program



The B-WET program provides competitive grants to support Meaningful Watershed Educational Experiences (MWEEs) for students and related professional development.



B-WET National: NOAA Office of Education

- Website: <http://www.oesd.noaa.gov/grants/bwet.html>

Pacific Northwest
Olympic Coast
National Marine
Sanctuary

Great Lakes Thunder Bay
National Marine Sanctuary

New England
Greater
Atlantic
Regional
Fisheries
Office

California
Office of
National Marine
Sanctuaries

Chesapeake
NOAA
Fisheries
Chesapeake
Bay Office

Hawaii
Office for
Coastal
Management

Gulf of Mexico
Fisheries Southeast
Regional Office

For More Information

Bronwen Rice
National B-WET
Coordinator

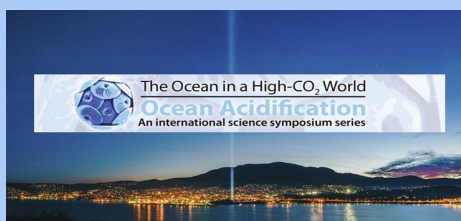
220-482-6797
bronwen.rice@noaa.gov

Ocean Acidification Program



The NOAA Ocean Acidification Program (OAP) coordinates research, monitoring, and other activities to improve our understanding of how (and how fast) the chemistry of the ocean is changing, how variable that change is by region, and what impacts these changes are having on marine life, people, and the local, regional, and national economies.

- **Education Implementation Plan**
- **Education Needs Assessment**
- **SOARCE Webinar for Educators and Communicators**



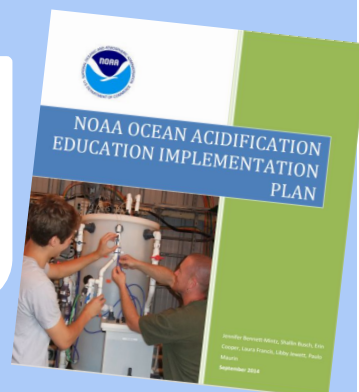
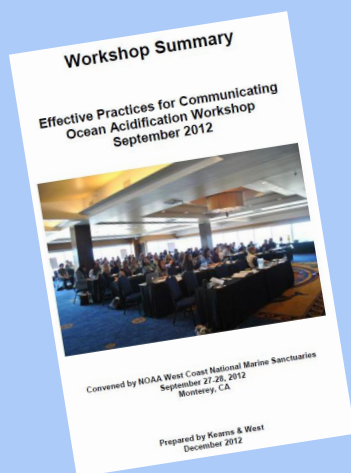
For More Information

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Ocean Acidification Education Resources



Climate and Ocean Literacy



Climate Literacy

Climate Science Literacy is an understanding of your influence on climate and climate's influence on you and society.

A climate-literate person:

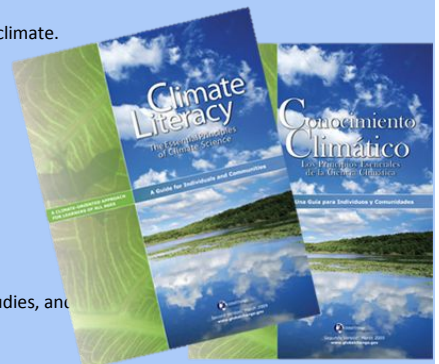
- understands the essential principles of Earth's climate system,
- knows how to assess scientifically credible information about climate,
- communicates about climate and climate change in a meaningful way, and
- is able to make informed and responsible decisions with regard to actions that may affect climate.

Guiding Principle of Climate Literacy:

Humans can take actions to reduce climate change and its impacts.

The Essential Principles of Climate Science

1. The Sun is the primary source of energy for Earth's climate system.
2. Climate is regulated by complex interactions among components of the Earth system.
3. Life on Earth depends on, is shaped by, and affects climate.
4. Climate varies over space and time through both natural and man-made processes.
5. Our understanding of the climate system is improved through observations, theoretical studies, and modeling.
6. Human activities are impacting the climate system.
7. Climate change will have consequences for the Earth system and human lives.





Ocean Literacy

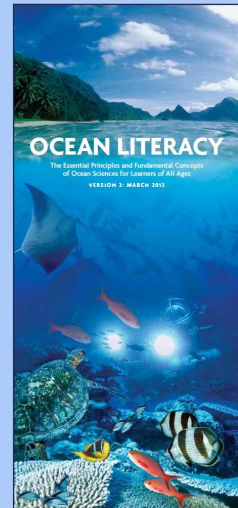
Ocean literacy is an understanding of the ocean's influence on you—and your influence on the ocean.

An ocean-literate person:

- Understands the Essential Principles and Fundamental Concepts about the ocean;
- Can communicate about the ocean in a meaningful way;
- And is able to make informed and responsible decisions regarding the ocean and its resources.

The Essential Principles of Ocean Science:

1. The Earth has one big ocean with many features.
2. The ocean and life in the ocean shape the features of Earth.
3. The ocean is a major influence on weather and climate.
4. The ocean made Earth habitable.
5. The ocean supports a great diversity of life and ecosystems.
6. The ocean and humans are inextricably interconnected.
7. The ocean is largely unexplored.



NEXT MODULE: NOAA's Office of Education

